

App. No.: 10/658,440
Amdt. Dated: June 17, 2004
Reply to Office Action of March 17, 2004
Atty. Dkt. No. 7719-116

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (currently amended) An electronic component rack assembly, comprising:

a rack housing having a width W_r , where W_r is equal to about 24 inches;

a group of N number of electronic components mounted side-by-side, upright in a series of spaced-apart vertical planes on the rack housing; and

said components being spaced apart by a distance W_b , where W_b is equal to about 1.93 inches, and where N is an integer number equal to either 11 or 12.

wherein each one of the mentioned electronic components has a depth D_b and wherein the depth of the rack housing is equal to D_r , where D_r is equal to approximately $2D_b$.

2. (currently amended) An electronic component rack assembly according to claim 1, comprising:

a rack housing having a width W_r , where W_r is equal to about 24 inches;

a group of N number of electronic components mounted side by side, upright in a series of spaced-apart vertical planes on the rack housing;

another group of N number of electronic components mounted side-by-side upright in a series of spaced-apart vertical planes on the rack housing opposite to the first-mentioned group of components in a back-to-back approximate registration;

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~~a power distribution unit extending transversely to said vertical planes between the first mentioned and second electronic components to provide electrical power thereto~~ ~~[[1]]~~.

wherein each one of the first-mentioned and said second electronic components has a depth D_b , and ~~said unit has thickness t~~ ; and

wherein the depth of the rack housing is D_r , where D_r is equal to approximately $2D_b$ ~~[[1]]~~.

3. (original) An electronic component rack assembly according to claim 2, wherein each of said electronic components has a height equal to H_b , where H_b is equal to about 19.38 inches.

4. (currently amended) An electronic component rack assembly according to claim 3, wherein said rack housing includes a series of pairs of upper and lower component guides, ~~said guides being spaced apart by a distance W_b , each pair of guides being disposed in vertical alignment with each of the electronic components, and each guide being channel shaped and having a blight portion and a pair of spaced apart flange portions.~~

5. (currently amended) An electronic component rack assembly according to claim ~~[[1]]~~ 4, further including a power distribution unit extending transversely to said vertical planes at the rear of said electronic components, said unit having a series of ~~N~~ number of spaced-apart outlets for supplying electrical power to individual ones of the electronic components, each of said outlets being spaced from a holder for its electronic component by a distance s .

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6. (original) An electronic component rack assembly according to claim 5, wherein said rack includes a series of pairs of vertically spaced-apart latch openings for helping to secure said components releaseably to said rack, each one of said pairs of openings being disposed in vertical alignment with an outlet.
7. (currently amended) An assembly according to claim ~~[[1]]~~ 2, wherein the depth Db of said electronic component is about 16.8 inches.
8. (currently amended) An assembly according to claim 6, wherein the upper one of said openings is located at a height Hp relative to said unit outlet equal to about 1.344 inches.
9. (currently amended) An assembly according to claim 6, wherein said openings are spaced horizontally from guides by a spacing Sh equal to about 0.95 inch.
10. (currently amended) An assembly according to claim 6, wherein the lower one of said openings is located at a height Hh equal to about 0.46 inch. 18~~[[.]]~~, wherein Hh is defined as the distance between the geometric center of the lower one of the openings and the outer surface of the bight portion of one of the lower component guides.
11. (currently amended) An assembly according to claim 1, wherein said 2Db ~~the depth of the assembly~~ is between about 36 inches and about 38 inches.

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12. (original) A method of making an electronic component rack assembly, comprising providing a rack assembly according to the dimensions according to claim 1.

13. (new) An assembly according to claim 11, wherein said 2Db is about 36 inches.

14. (new) An electronic component rack assembly according to claim 6, wherein the latch openings have a diameter of about 0.316 inches.

15. (new) An assembly according to claim 8, wherein Hp is further defined as the distance between the geometric center of the upper one of said openings to the midpoint of the height of the unit outlet.

16. (new) An assembly according to claim 9, wherein Sh is further defined as the distance between the geometric center of the lower one of the openings and an inner surface of one of the flanges.

17. (new) an assembly according to claim 2, wherein where Wr is approximately equal to the width of the rack housing, and where Wb is approximately equal to the width of an electronic component, Wr divided by Wb is approximately equal to an integer value.